

U.S. National Stage of PCT/EP2004/004183

**Amendments to the Abstract:**

**ABSTRACT**

Please replace the abstract that appears on page 16 of the specification with the following revised abstract which is submitted on a separate sheet.

Abstract

~~The invention relates to an~~ apparatus for determining and/or monitoring at least one physical or chemical, process variable of a medium and includes at least one mechanically oscillatable unit [(1)] and at least one driving/receiving unit [(8)]. The mechanically oscillatable unit includes a tube [(2)] and an internal oscillator [(3)]. The tube is connected to a securement unit [(5)] with an end [(4)] turned away from the process and the end [(6)] of the tube [(2)] turned toward the process is embodied as a free end. The tube [(2)] surrounds the internal oscillator [(3)] and the internal oscillator [(3)] is secured to the end [(6)] of the tube [(2)] turned toward the process with an end [(7)] turned toward the process. The driving/receiving unit [(8)] excites the mechanically oscillatable unit [(1)] to oscillate, respectively it receives the oscillations of the mechanically oscillatable unit [(1)]. ~~The invention includes that the~~ internal oscillator [(3)] has at least one groove/neck [(9)], which determines at least the oscillation frequency of the mechanically oscillatable unit [(1)].

[(Fig. 3)]